



THE CATHEDRAL SCHOOL  
OF ST.SAVIOUR AND ST.MARY OVERIE

# Year 5

## Half Termly

### Overview

## Autumn 2

# Autumn 2



## Maths

### The 4 Operations (+ - x /)

A sound grasp of the 4 operations is essential to success in Maths. Below is the highlighted method that we teach at Cathedral school

#### Supporting Maths at Home:

$$21848 + 1523 = 23371$$

$$\begin{array}{r} 21848 \\ + 1523 \\ \hline 23371 \end{array}$$

$$12731 - 1367 = 11364$$

$$\begin{array}{r} \phantom{1}2731 \\ - \phantom{1}1367 \\ \hline \phantom{1}1364 \end{array}$$

$$56 \times 27 = 1512$$

$$\begin{array}{r} \phantom{0}56 \\ \times \phantom{0}27 \\ \hline \phantom{00}392 \phantom{0} \quad (7 \times 56) \\ + \phantom{00}1120 \phantom{0} \quad (20 \times 56) \\ \hline \phantom{000}1512 \\ \phantom{000}1 \end{array}$$

$$86 \text{ r } 2$$

$$5 \overline{) 432}$$

The remainder can also be expressed as a fraction,  $\frac{2}{5}$  (the remainder divided by the divisor):  $432 \div 5 = 86\frac{2}{5}$

This half term, we will be focusing on fractions, decimals and percentages. We will be applying the four operations within this area.

#### HIT THE BUTTON

<http://www.topmarks.co.uk/maths-games/hit-the-button>—This is an interactive website which allows children to practise their times tables and division facts

#### FRACTIONS

<http://www.topmarks.co.uk/Flash.aspx?f=Fractionsv7>

[https://phet.colorado.edu/sims/html/fraction-matcher/latest/fraction-matcher\\_en.html](https://phet.colorado.edu/sims/html/fraction-matcher/latest/fraction-matcher_en.html)



## English

### *An Inconvenient Truth*—Al Gore

This half term we will be using *An Inconvenient Truth* by Al Gore to discuss global warming. This book is a biographical novel, and is a further chance for the children to be exposed to a wide range of books and genres. During this half term, we are going to create our own fact books, based on our humanities topic of Earthquakes. I am sure you will look forward to reading them!

#### Some useful strategies in supporting your child's reading development.

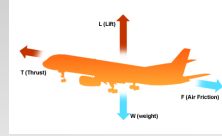
1. **Share an enjoyment for reading with your child. Discuss books that you enjoyed, read in front of them, and take a trip to the library where you can both choose a book to read.**
2. **Ensure that your child is reading three times a week, and support them to complete their reading journal.**
3. **Ask questions to check your child's comprehension of the story.**
4. **Encourage your child to read aloud. This will not only ensure that they are doing their reading, but it will also improve their public speaking ability, and help to develop their confidence. These are skills that they will increasingly rely on as they get older.**

# Year 5



## R.E. Christianity

During this half term, we are going to be learning about Jesus, and exploring more about why he is known as the Prince of Peace, and why peace is such an important message at Christmas time.



## Science Forces

In Year 5, the children are going to be looking at forces. In particular we are going to be looking at Newton's first law of motion, friction, air resistance and water resistance. We will continue to look at Galileo, building on our work from last term. We are also going to look at Sir Isaac Newton.



## Geography North America and Earth- quakes

This half term we will be studying North America, and working on improving our map reading skills. Children will be expected to read a compass, read and use six-figure grid references to find locations on a map. In addition, we will also be learning about how earthquakes are caused, and the impact of these on human and physical geography.



## Computing Programming

We will be continuing to focus on programming, and this half term we will be moving on to use scratch in order to help us develop an interactive game. As always, E-safety will continue to be an important focus of our lessons, and this half term we will be creating our Digital Citizen pledge.



## Art/DT Form

Year 5 will be making their own model of a town in the aftermath of an earthquake. We will be making a section of the model each week, so please could you keep, and bring in small boxes that could be used to replicate buildings. We look forward to showing you our creations at the end of our half term!



## P.E. Games - Football

We will be continue to work on our football skills which will enhance our ability to succeed in, and enjoy, game situations. The class will continue to focus on the importance of Sportsmanship. Your child's P.E day is Tuesday. They are advised to bring their kit to school on Monday to avoid forgetting it, and thus missing their lesson.

## P.S.H.E—Rights and Responsibilities



As a class, we decided on 3 rights that we would focus on within our classroom to ensure everyone has the best day possible and achieves their full potential.

- ◆ We have the right to an opinion
- ◆ We have the right to an education
- ◆ We have the right to be happy in school

## Homework

Homework will be given on Monday, Tuesday, Wednesday and Thursday. In addition, your child should be reading three times a week.

1. Monday—Spelling and Grammar
2. Tuesday—Reading Comprehension
3. Wednesday—Writing
4. Thursday—Maths

# Important Dates

<b>September 30<sup>th</sup></b>	<b>Cathedral Service and Eucharist Service</b>	<b>Year 6</b>
October 11th	Class Led Worship	Year 4
October 18th	Class Led Worship	Year 3
<b>November 8th</b>	<b>Class Led Worship</b>	<b>Year 2</b>
November 15th	Class Led Worship	Year 1
November 22nd	Class Led Worship	Reception
<b>December 9th</b>	<b>Cathedral Christmas Service</b>	<b>Year 5</b>

# YOUNGMINDS

The voice for young people's mental health and wellbeing

## PARENTS' SURVIVAL GUIDE

Parenting isn't always easy. Although it's often amazing and rewarding to watch your children grow, and to help them learn to be independent, it can also be really hard work.

If you think your child is unhappy or if you are worried about their behaviour, it's easy to be hard on yourself and think you aren't doing a good job.

The following tips are for any parent who is worried about their child, or their own parenting skills:

### YOU AND YOUR CHILD

- Make sure they know you love them and are proud of them. Even when things are busy or stressful, and it feels like you are in survival mode, a word or a hug can reassure them a huge amount. Praise them for what they do well, and encourage them to try new things
- Be honest about your feelings – you don't have to be perfect. We all get things wrong and shout or say unkind things from time to time. If this happens, say sorry to your child afterwards and explain why it happened, They will learn from you that it's OK to make mistakes and that it doesn't make you a bad person
- Be clear about what is and isn't acceptable – and tell them why. Children need to know what is OK and what isn't, and what will happen if they cross the line. Follow through on what you say as otherwise they may get confused or stop respecting the boundaries
- Own your own role – you are the parent, so don't be afraid to take tough decisions. If your child sees you are scared of their reaction and always give in to them, it can make them feel very powerful, which can be frightening. Children need to know that you are there to keep them safe.

**PARENT HELPLINE - 0808 802 5544**